

B1  
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D1 cont

mercury, and combinations of two or more thereof; and said support is selected from the group consisting of silica, alumina, spinel, and combinations of two or more thereof].

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Claim 41, line 1, delete "39" and insert therefor ---36---

Claim 51, line 1, delete "41" and insert therefor ---36---

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Claim 52. (Amended) A process comprising contacting a fluid with a composition wherein said fluid comprises an olefin and a highly unsaturated hydrocarbon;

said composition comprises palladium, silver, an alkali metal or an alkali metal-containing compound, a selectivity enhancer selected from the group consisting of lead, bismuth, thorium, gallium, tin, antimony, germanium, arsenic, cadmium, mercury, and combinations of two or more thereof, and an inorganic support selected from the group consisting of silica, alumina, spinel, and combinations of two or more thereof

B2

[said selectivity enhancer is selected from the group consisting of lead, bismuth, thorium, gallium, tin, antimony, germanium, arsenic, cadmium, mercury, and combinations of two or more thereof;

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D2

said support is selected from the group consisting of silica, alumina, spinel, and combinations of two or more thereof] wherein the metal of said spinel is selected from the group consisting of zinc, magnesium, calcium, beryllium, strontium, barium, radium, iron, manganese, zirconium, molybdenum, ruthenium, rhodium, cobalt, germanium, tin, and combinations of any two or more thereof;

the weight % of said palladium in said composition is in the range of from about 0.0001 to about 5%; and

the weight ratio of said selectivity enhancer to said palladium is in the range of from about 0.1:1 to about 20:1.

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B3  
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D3

Claim 58. (Amended) A process comprising contacting an olefin-containing fluid stream which comprises a highly unsaturated hydrocarbon, in the presence of hydrogen, with a composition under a condition sufficient to effect selective hydrogenation of said highly unsaturated hydrocarbon to a less unsaturated hydrocarbon wherein